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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/631,318	08/03/2000	Arun K. Gupta	102150-100	8484

26541 7590 01/23/2004

RITTER, LANG & KAPLAN  
12930 SARATOGA AE. SUITE D1  
SARATOGA, CA 95070

EXAMINER

CHAVIS, JOHN Q

ART UNIT	PAPER NUMBER
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2124

DATE MAILED: 01/23/2004

9

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/631,318

Applicant(s)

GUPTA ET AL.

Examiner

John Q. Chavis

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 03 November 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11-3-03 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. §§ 119 and 120**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
- a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

## DETAILED ACTION

### *Drawings*

1. New corrected drawings are required in this application because of the reasons cited in the previous action. The applicant merely addressed one of the issues cited and did not correct or discuss the others. He further indicated that the corrected drawings were informal. Therefore, the drawings submitted on 11-3-03 are not acceptable for the same reason indicated in paper no. 4, because copy marks exists (i.e. the drawings are informal) and the height of numbers and letters are inappropriate (i.e. the drawings are informal). The applicant should also note that many of the words are handwritten and therefore unevenly dark. Applicant is advised to employ the services of a competent patent draftsman outside the Office, as the U.S. Patent and Trademark Office no longer prepares new drawings. The corrected drawings are required in reply to the Office action to avoid abandonment of the application. The requirement for corrected drawings will not be held in abeyance.

### *Claim Rejections - 35 USC § 102*

2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

3. Claims 1-18 are rejected under 35 U.S.C. 102(e) as being anticipated by Sheard et al., as cited in the previous action. The features of the previous action will not be discussed here; since, the details of that action were presented in paper no. 4.

The applicant indicates that Sheard does not disclose a Graphical User Interface (GUI).

However, the applicant should see figs. 15, 16 and 18, see specifically item 501. Also, see col. 21 lines 4-43 (indicates that **the system uses visual drag and drop and stores information**), col.

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22 lines 1-5 (Included in the project file are references to the component and component instance (i.e. objects) configuration files of a given deployment. **The information in the project file is used by the visual interface 501 to render a picture of a data integration implementation on its canvas 540.**) and col. 22 lines 46-59 (When a **new data integration** project is being **initiated** (created) a default project file is created. **An open menu item may be activated by the user...A print menu button is made available only when a project is displayed on the canvas 540 of the visual interface** (displayed visually). Note further that Sheard teach the uses of classes, col. 26 lines 49-col. 27 lines 23, and inherently instantiation of objects, see again col. 29 lines 12-col.30 line 67. Furthermore, classes are inherently templates and must be instantiated to be utilized.

The applicant further indicate that Sheard does not teach business classes or the storing of business classes as well as relationships. However, the classes have been discussed in the previous action and the cited portion above. To again illustration relationships, see again the meta definitions, col. 31 lines 24-col. 34 line 4. Furthermore, Sheard's mapping provides for relationships between classes.

The applicant's discussion of a storing digital electronic format is not clear. First, computers are considered inherently to provide for storing data in a digital electronic format; since, this format is required for execution, see for example, col. 43 lines 60-65. Transforming information into runtime deployment is transforming into a digital electronic format; since, computers only understand 1's and 0's.

***Response to Amendment***

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4. Applicant's arguments filed 11-3-03 have been fully considered but they are not persuasive. The specific reasons the arguments are not persuasive are indicated in section 3 above of this action, as well as the previous action.

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to John Q. Chavis whose telephone number is 703-305-9665. The examiner can normally be reached on 8:30 am-5:00 pm Est.

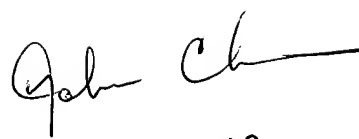
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on 703-305-9662. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-306-3900.

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Jqc  
January 21, 2004

A handwritten signature in cursive script, appearing to read "John Chavis", with a long horizontal flourish extending to the right.

JOHN CHAVIS  
PATENT EXAMINER  
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